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**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AU, CA, CN, ID, IN, JP, KP, KR, MX, NZ, PH, RU, SG, VN, European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR)*
- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designation US*
- *of inventorship (Rule 4.17(iv)) for US only*

**Published:**

- *without international search report and to be republished upon receipt of that report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: PHARMACEUTICAL COMPOSITION WITH COMBINED ACTIVE AGENTS AND METHODS FOR USING THE SAME

(57) Abstract: The current invention involves a pharmaceutical composition containing a combination of two active agents. The invention also involves the use of the combination composition to the preparation of a drug combination intended to treat, control and prevent type 2 diabetes and other diseases and conditions that glucose abnormality, including abnormalities in glucose levels and glucose metabolism, is a component.

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(71) Applicant (*for all designated States except US*): LUO,  
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(US).

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/07388

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61K 31/4439, 31/444; C07D 417/14, 413/14  
US CL : 514/210.2; 546/268.1, 256

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/210.2; 546/268.1, 256

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98/05331 A2 (LIGAND PHARMACEUTICALS INCORPORATED) 12 February 1998 (12.02.1998), see entire text.	1-10
Y	FR 2 796 940 A1 (LIPHA LYONNAISE IDUSTRIELLE PHARMACEUTIQUE) 26 July 1999(26.07.1999), see entire text.	1-10

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;"

document member of the same patent family

Date of the actual completion of the international search

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Date of mailing of the international search report

16 SEP 2003

Name and mailing address of the ISA/US

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Commissioner for Patents

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**INTERNATIONAL SEARCH REPORT**

PCT/US03/07388

**Continuation of B. FIELDS SEARCHED Item 3:**

USPATFUL, CAPLUS, PCTFUL

search terms: meformin, gemfibrozil, diabetes mellitus, hyperglycemia, obesity